

Comparisons of Job Characteristics

Focus Occupation: Glaziers (47-2121)

Associated Occupation: Maintenance and Repair Workers, General (49-9042)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: Glaziers (47-2121)

Associated Occupation: Maintenance and Repair Workers, General (49-9042)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	19.3	10.1	<<	Extensive education and/or training may be required
Building and Construction	4.0	14.3	14.7	0	Current knowledge level may be sufficient
Public Safety and Security	6.9	12.0	6.8	<<	Extensive education and/or training may be required
Design	5.2	11.7	8.3	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	10.3	6.4	<<	Extensive education and/or training may be required
Physics	4.3	8.8	2.4	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 13

Focus Occupation: Glaziers (47-2121)

Associated Occupation: Maintenance and Repair Workers, General (49-9042)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Equipment Maintenance	3.5	12.7	1.5	<<	Extensive development of skills in this area may be required
Repairing	3.4	12.3	1.3	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	10.0	4.2	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	9.8	6.0	<<	Extensive development of skills in this area may be required

Equipment Selection	3.3	9.5	2.7	<<	Extensive development of skills in this area may be required
Installation	1.7	8.3	2.9	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 79			
Focus Occupation: Glaziers (47-2121) Associated Occupation: Maintenance and Repair Workers, General (49-9042)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Information Ordering	9.9	13.3	8.2	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	11.8	7.9	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	11.4	8.6	<<	Extensive improvement in abilities may be required
Visualization	7.5	11.0	7.7	<<	Extensive improvement in abilities may be required
Static Strength	5.0	9.8	6.2	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	9.2	7.2	<	Some improvement in abilities may be required
Speed of Limb Movement	3.2	5.8	3.7	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	5.6	7.4	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 87
Focus Occupation: Glaziers (47-2121) Associated Occupation: Maintenance and Repair Workers, General (49-9042)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Build or repair structures in construction, repair, or manufacturing setting	54	
Climb ladders, scaffolding, or utility or telephone poles	56	
Erect scaffold	56	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Install locks, hinges, or related finish hardware	92	
Install or replace glass in windows, skylights, or other structural surfaces	92	
Measure and mark reference points or cutting lines on workpieces	66	

Move or fit heavy objects	8
Paint walls or other structural surfaces	75
Read blueprints	10
Read technical drawings	7
Use hand or power tools	2
Verify levelness or verticality, using level or plumb bob	72

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 78

Focus Occupation: Glaziers (47-2121)

Associated Occupation: Maintenance and Repair Workers, General (49-9042)

Tools and Technologies	Exclusivity
Business function specific software	1
Cleaning equipment	11
Computers	1
Cutting and crimping and punching tools	3
Dispensing tools	6
Fall protection	16
Forming tools	2
Holding and clamping tools	3
Industrial trucks	10
Industry specific software	1
Ladders and scaffolding	6
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Machine tools	7
Machinery for working wood and stone and ceramic and the like	12
Marking tools	11
Measuring and layout tools	3
Picture framing	70
Pneumatic tools	8
Power tools	2
Prying and bending tools	10
Respiratory protection	6
Rough and finishing tools	5
Safety apparel	4
Sealing tools	21
Soldering and brazing and welding machinery and supplies	6
Tool attachments and accessories	12
Vision protection and accessories	3
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.